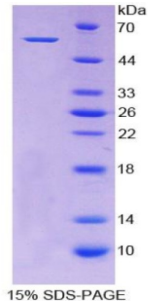


# Human Aldehyde Dehydrogenase 7 Family, Member A1 (ALDH7A1) Protein

Catalogue No.: abx065214



SDS-PAGE analysis of Human ALDH7A1 Protein.

Recombinant Aldehyde Dehydrogenase 7 Family, Member A1 (ALDH7A1) is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

<b>Target:</b>	Aldehyde Dehydrogenase 7 Family, Member A1 (ALDH7A1)
<b>Origin:</b>	Human
<b>Expression:</b>	Recombinant
<b>Tested Applications:</b>	WB, SDS-PAGE
<b>Host:</b>	E. coli
<b>Conjugation:</b>	Unconjugated
<b>Form:</b>	Lyophilized
<b>Purity:</b>	> 95%
<b>Reconstitution:</b>	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH <sub>2</sub> O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
<b>Storage:</b>	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P49419 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Molecular Weight:</b>	Calculated MW: 59.7 kDa

# Datasheet

Version: 2.0.0  
Revision date: 31 Dec 2024



**Sequence Fragment:** Met1-Gln539

**Sequence:** MWRLPRALCV HAAKTSKLSG PWSRPAAFMS TLLINQPQYA WLKELGLREE NEGVYNGSWG  
GRGEVITTY  
C PANNEPIARV RQASVADYEE TVKKAREAWK IWADIPAPKR GEIVRQIGDA LREKIQVLGS  
LVSLEMG  
KIL VEGVGEVQEY VDICYAVGL SRMIGGPILP SERSGHALIE QWNPVGLVGI ITAFNFPVAV  
YGWNN  
AIAMI CGNVCLWKGA PTTSLISVAV TKIIAKVLED NKLPGAICSL TCGGADIGTA MAKDERVNLL SFT  
GSTQVGK QVGLMVQERF GRSLLELGGN NAIIFEDAD LSLVPSALF AAVGTAGQRC  
TTARRLFIHE S  
IHDEVNRL KKAYAQIRVG NPWDPNVLYG PLHTKQAVSM FLGAVEEAKK EGGTVVYGGK  
VMDRPGNYVE  
PTIVTGLGHD ASIAHTETFA PILYVFKFN EEEVFAWNE VKQGLSSSIF TKDLGRIFRW LGPKGSDC  
GI VNVNIPTSGA EIGGAFGGEK HTGGGRESGS DAWKQYMRRS TCTINYSKDL PLAQQIKFQ

**Tag:** N-terminal His tag

**Buffer:** Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.

**Activity:** Not tested

**Concentration:** Prior to lyophilization: 200 µg/ml

**Note:** This product is for research use only.  
Not for human consumption, cosmetic, therapeutic or diagnostic use.

For Reference Only